

In the claims:

1-27. (Cancelled)

28. (Currently amended) A computer readable medium with aircraft pilot flight plan generating software, comprising:

~~software for overlaying flight navigation data with a selected flight chart from among plural flight charts stored at a server computer to form a selected composite flight navigation chart;~~

~~software for providing~~ accessing over a computer network ~~to from~~ a browser on a client computer ~~the~~ a Web page having a housekeeping frame and a selected composite flight navigation chart, the selected composite travel navigation chart including a travel chart merged with travel navigation waypoints, the travel navigation waypoints including radio navigation aids; and an overlying frame for drawing a vector route line over the selected composite flight navigation chart to incorporate flight plan routing into the selected composite flight navigation chart to form a flight plan

software for indicating X, Y coordinates of each of a plurality of navigation waypoints on the selected composite travel navigation chart at the client computer and sending the X, Y coordinates of each navigation waypoint to the housekeeping frame of the Web page; and

software for drawing over the selected composite travel navigation chart on the client computer route line segments according to the X, Y coordinates, as instructed by housekeeping frame of the Web page, to generate a flight plan for preflight use by a pilot.

29. (Currently amended) The computer readable medium of claim 28 further including in which the vector route line over the selected composite flight navigation chart is drawn with a vector drawing extension to the browser on the client computer to draw the route line segments.

30. (Cancelled)

31. (Previously presented) The computer readable medium of claim 28 further comprising software for displaying on the client computer less than all of the selected composite flight navigation chart that is downloaded from the server computer.

33. (Previously presented) The computer readable medium of claim 28 in which each flight chart includes topographical information, the medium further including software for generating relief shading for each flight chart according to the topographical information and a selected illumination angle.

32. (Previously presented) The computer readable medium of claim 31 further comprising software for scrolling across the selected composite flight navigation chart at the client computer to display a portion of the selected composite flight navigation chart that was not previously displayed, without downloading from the server computer as part of the scrolling the portion of the selected composite flight navigation chart that was not previously displayed.

34. (Previously presented) The computer readable medium of claim 28 further comprising software for computing as a profile a cross sectional view of topographical information along the flight plan and providing the profile over the computer network to the browser on the client computer for display.

35. (Previously presented) The computer readable medium of claim 28 further comprising software for overlaying plural text labels on the selected composite flight navigation chart and preventing any of the text labels from overlaying another.

36-49. (Cancelled)

50. (New) The computer readable medium of claim 28 in which the navigation waypoints are included in a frame that overlays the selected composite travel navigation chart at the client computer.

51. (New) The computer readable medium of claim 28 in which the route line segments are drawn on a frame that overlays the selected composite travel navigation chart.

52. (New) The computer readable medium of claim 28 in which the route line segments overlay the selected travel chart and are formed as vector lines within the browser running on the client computer.

53. (New) The computer readable medium of claim 28 in which downloading the selected composite travel navigation chart from the server computer to the client computer includes downloading a two-dimensional array of map tiles that together form the composite travel navigation chart.

54. (New) The computer readable medium of claim 28 further comprising software for overlaying plural text labels on the selected composite travel navigation chart and preventing any of the text labels from overlaying another.

55. (New) A computer readable medium with aircraft pilot flight plan generating software, comprising:

software for accessing over a computer network from a browser on a client computer a Web page having a housekeeping frame and a selected composite flight navigation chart, the selected composite travel navigation chart including a travel chart merged with travel navigation waypoints, the travel navigation waypoints including radio navigation aids that include one or more VORs (Very High Frequency Omni-Directional Radios) or NDBs (Non-Directional Beacons);

software for indicating X, Y coordinates of each of a plurality of navigation waypoints on the selected composite travel navigation chart at the client computer and sending the X, Y coordinates of each navigation waypoint to the housekeeping frame of the Web page; and

software for drawing over the selected composite travel navigation chart on the client computer route line segments according to the X, Y coordinates, as instructed by housekeeping frame of the Web page, to generate a flight plan for preflight use by a pilot.

56. (New) The computer readable medium of claim 55 further including a vector drawing extension to the browser on the client computer to draw the route line segments.

57. (New) The computer readable medium of claim 55 further comprising software for displaying on the client computer less than all of the selected composite flight navigation chart that is downloaded from the server computer.

58. (New) The computer readable medium of claim 55 in which each flight chart includes topographical information, the medium further including software for generating relief shading for each flight chart according to the topographical information and a selected illumination angle.

59. (New) The computer readable medium of claim 58 further comprising software for scrolling across the selected composite flight navigation chart at the client computer to display a portion of the selected composite flight navigation chart that was not previously displayed, without downloading from the server computer as part of the scrolling the portion of the selected composite flight navigation chart that was not previously displayed.

60. (New) The computer readable medium of claim 55 further comprising software for computing as a profile a cross sectional view of topographical information along the flight plan and providing the profile over the computer network to the browser on the client computer for display.

61. (New) The computer readable medium of claim 55 further comprising software for overlaying plural text labels on the selected composite flight navigation chart and preventing any of the text labels from overlaying another.

62. (New) The computer readable medium of claim 55 in which the navigation waypoints are included in a frame that overlays the selected composite travel navigation chart at the client computer.